



Docket Number: 009901-0290430

PATENT APPLICATION

Client Reference: DUF/KB/Z70564/UST

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

CHARLES LEW LERMAN

Group Art Unit: 2121

Application No.: 10/048,022

Examiner: Unassigned

Filed: June 14, 2002

Confirmation No.: 1233

For: ANALYSIS AND PATTERN RECOGNITION IN LARGE, MULTIDIMENSIONAL DATA SETS USING LOW- RESOLUTION DATA GROUPING

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OCT 10 2003

Technology Center 2100

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the two attached PTO-1449 forms. In accordance with PTO rules, no copies of the U.S. patents are provided herein. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This IDS is submitted under 37 C.F.R. § 1.97(b)(4) before the mailing of a first Office action on the merits. Therefore, no fee is believed necessary with this IDS. However, should the IDS fee be missing or inadequate please charge the deficiency to our Deposit Account No. 03-3975 under Order No. 009901/0290430.

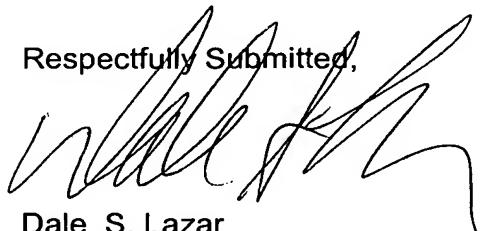
This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

□□

All documents identified in the corresponding International Search Report have been previously submitted by virtue of the transfer of this application to National Phase prosecution in compliance with Rule 56.

Respectfully Submitted,



Dale S. Lazar  
Registration Number 28872

Date: October 3, 2003  
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PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031  
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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

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**Complete if Known**

Application Number	10/048,022
Filing Date	06/14/2002
First Named Inventor	LERMAN
Art Unit	2121
Examiner Name	Unassigned
Attorney Docket Number	009901-0290430

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**U. S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

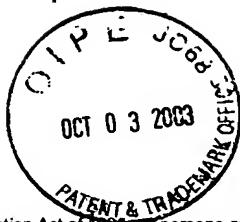
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/048,022
(Use as many sheets as necessary)				Filing Date	06/14/2002
Sheet	1	of	1	First Named Inventor	LERMAN
				Art Unit	2121
				Examiner Name	Unassigned
				Attorney Docket Number	OCT 10 2003 Technology Center 2100 009901-0290430

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		Dynamic Layout Mechanism for the Massive-Node Server Status Monitor, IBM Technical Disclosure Bulletin, Vol. 36, No. 05, May 1993, pgs. 169-170			
		Eisen et al., "Cluster analysis and display of genome-wide expression patterns" Proc. Natl. Acad. Sci USA, Vol. 95, pp 14863-14868, Dec 1998			
		Stanton et al., "Application of nearest-neighbor and cluster analyses in Pharmaceutical Lead Discovery," J.. Chem. Inf. Comput. Sci. 1999, 39, 21-27 Am. Chem Soc.			
		Dodge et al., "Microsoft Excel 97 for Windows 95 and Windows NT 4.0," published by Microsoft Press, pp. 244-248, 605, 646 (1997)			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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